

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (currently amended) A mobile telephone-operated video telesurveillance
2 device (1, 110), the telephone comprising a transmitter (2) and a receiver (4) operated by a
3 control member (8) for connection to a telephone network (120), the telephone comprising
4 means for capturing sound signals BFm and video signals Vc by dint of a microphone (3)
5 outputting the sound signals BFm and of a camera (6) outputting the video signals Vc of video
6 pictures and, ~~on the other hand~~, receiving and reproducing sound signals BFe and video signals
7 Ve intended for, respectively, a sound reproduction means (5) and a video reproduction screen
8 (7), the telephone comprising a user input interface (9) and a stand-alone power supply source
9 (10),

10 characterised in that wherein the telephone includes ~~moreover~~ an analysis and
11 diagnostic module (20) of at least video pictures fitted with a memory for storing at least one
12 telesurveillance application program, an input to said module (20) being connected to the output
13 of the camera (6) and receiving the video signals Vc, the module being connected by at least one
14 output with the control member (8) for sending at least one diagnostic datum D to said control
15 member (8) in relation to the analysis and to the diagnostic of the video signal by a calculation
16 means (23, 20') programmed (25) by an application program of said module, the diagnostic data
17 D being instructions acting upon the control member.

1 2. (currently amended) A device according to claim 1, ~~characterised in that~~
2 wherein the analysis and diagnostic module receives ~~moreover~~ at input the sound signals BFm
3 and ~~that~~ wherein the module generates diagnostic data D also in relation to the analysis and to
4 the diagnostic of the sound signals.

1 3. (currently amended) A device according to claim 1 or 2, ~~characterised in~~
2 that wherein the instructions acting upon the control member are one or several actions selected
3 by ~~no way of limitation among the following list~~ from the group consisting of:

4 waking up telephone members in standby,
5 placing telephone members in standby,
6 calling a number over the network,
7 transmitting recorded sounds,
8 live transmission of sounds,
9 transmission of a short message,
10 transmission of a live video sequence,
11 transmission of a recorded video sequence,
12 transmission of a video analysis,
13 transmission of a video diagnostic,
14 transmission of multimedia compatible data for INTERNET,
15 dialogue between the telephone and the number called,
16 in case of using a positioning peripheral, controlling said peripheral via
17 positioning instructions from the network,
18 end of call.

1 4. (currently amended) A device according to ~~claim 1, 2 or 3~~, characterised
2 in that claim 1, wherein the analysis and diagnostic module includes a reprogrammable memory
3 for the program (25) of the calculation means (23, 20').

1 5. (currently amended) A device according to claim 4, ~~characterised in that~~
2 wherein the analysis and diagnostic module receives ~~moreover~~ digital data D from the control
3 member and in that the program of the calculation means comes from the network and is
4 transferred into the reprogrammable memory in the form of digital data D.

1 6. (currently amended) A device according to claim 4 ~~or 5, characterised in~~
2 ~~that~~ wherein the analysis and diagnostic module receives ~~moreover~~ digital data D from the
3 control member, the telephone further comprising ~~moreover~~ a chip card reader legible by the
4 control member and in that the program of the calculation means comes from the chip card and is
5 transferred into the reprogrammable memory in the form of digital data D.

1 7. (currently amended) A device according to ~~any of the previous claims,~~
2 ~~characterised in that~~ claim 1, wherein the analysis and diagnostic module includes a video
3 picture acquisition and memorisation module (21) and a sound detection means (22) for
4 interfacing with the video and sound signals, a digital signal processor or micro-processor-type
5 calculation means (23), the memory for the application program (25) and a dialogue unit (24) for
6 interfacing with the control member (8).

1 8. (currently amended) A device according to ~~any of the claims 1 to 6,~~
2 ~~characterised in that~~ claim 1, wherein the analysis and diagnostic module includes at least one
3 spatial and time-division processing unit (53) and a set of histogram calculation units (51a00 ...
4 51a33) whereof the material and functional configuration depends on the application program.

1 9. (currently amended) A device according to ~~any of the previous claims,~~
2 ~~characterised in that~~ claim 1, wherein the analysis and diagnostic module (20) is a block IP
3 which ~~may be~~ is integrated into an electronic circuit.

1 10. (currently amended) A device according to ~~any of the previous claims,~~
2 ~~characterised in that~~ claim 1, wherein the telephone (1, 110) is arranged on a positioning
3 peripheral (100, 106) enabling at least to direct said telephone in space according to positioning
4 instructions (OM) issued from the telephone, said positioning instructions being generated by the
5 analysis and diagnostic module (20).

1 11. (currently amended) A device according to claim 10, ~~characterised in that~~
2 wherein the positioning peripheral includes a first bracket (100) wherein is arranged the

3 telephone, the first bracket (100) being itself arranged in a second bracket (106), the first and the
4 second bracket being articulated together by at least one motor (104, 105) operated by a control
5 circuit (103) receiving the positioning instructions (OM).

1 12. (currently amended) A device according to claim 11, ~~characterised in that~~
2 wherein the second bracket includes two motors (104, 105) whereof both rotors are laid out
3 along two axes substantially perpendicular to one another, the control circuit (103) and a charger
4 intended for recharging the stand-alone power supply source (10) of the telephone.

1 13. (currently amended) A device according to claim 10 ~~10, 11 or 12,~~
2 ~~characterised in that~~ wherein the positioning peripheral of said telephone enables moreover to
3 move in space said telephone according to positioning instructions (OM).

1 14. (currently amended) A device according to ~~any of the claims 10 to 13,~~
2 ~~characterised in that~~ claim 10, wherein moreover positioning instructions transit over the
3 network.

1 15. (currently amended) A device according to ~~any of the claims 10 to 14,~~
2 ~~characterised in that~~ claim 10, wherein the positioning instructions (OM) are transmitted to the
3 positioning peripheral device (100, 106) by dint of a telephone connector comprising a series
4 data transmission ~~link~~ links.

1 16. (currently amended) ~~An operating method of~~ A method of operating a
2 mobile telephone-operated video telesurveillance device (1, 110), the telephone comprising a
3 transmitter (2) and a receiver (4) operated by a control member (8) for connection to a telephone
4 network (120), ~~whereas~~ wherein the telephone is configured to ~~can, on the one hand,~~ capture and
5 transmit sound signals B_{Fm} and video signals V_c issued respectively from a microphone (3)
6 generating the sound signals B_{Fm} and from a camera (6) generating the video signals V_c of
7 video pictures, and to receive and reproduce ~~and, on the other hand, receiving and reproducing~~
8 sound signals B_{Fe} and video signals V_e intended for, respectively, a sound reproduction means
9 (5) and of a video reproduction screen (7), the telephone comprising a user input interface (9)

10 and a stand-alone power supply source (10), wherein pictures issued from the camera (6) are
11 transmitted to a receiving apparatus (130) connected to the network (120) and which can
12 visualise the video pictures,
13 ~~characterised in that a device according to any of the previous claims is~~
14 ~~implemented and~~ wherein the telephone includes ~~moreover~~ an analysis and diagnostic module
15 (20) of at least video pictures fitted with a memory for storing at least one telesurveillance
16 application program, an input to said module (20) being connected to the output of the camera
17 (6) and receiving the video signals Vc, the module being connected by at least one output with
18 the control member (8) for sending at least one diagnostic datum D to said control member (8) in
19 relation to a decision resulting from the analysis and from the diagnostic of the video signal by a
20 calculation means (23, 20') programmed (25) by an application program of said module, the
21 diagnostic data D being instructions acting upon the control member and in that the connection
22 to the receiving apparatus results from the decision generated by the analysis and diagnostic
23 module.

1 17. (currently amended) A method according to claim 16, ~~characterised in that~~
2 wherein the receiver (130) is a mobile or fixed telephone.

1 18. (currently amended) A method according to claim 16, ~~characterised in that~~
2 wherein the receiver is a computerised means capable of visualising multimedia compatible data
3 for INTERNET, a server connected over the network (120) and arranged between the telephone
4 (1, 110) and the receiver (130) providing the interface between the telephone data (1, 110) and
5 the INTERNET network.

1 19. (currently amended) An application of the operating method of ~~any of the~~
2 ~~claims 16, 17 or 18~~ claim 16, wherein a toddler is monitored remotely, the application program
3 enabling at least the analysis and the diagnostic of the toddler's movements and the connection
4 to the receiver when movements are diagnosed.

1 20. (currently amended) A public telesurveillance network, ~~characterised in~~
2 ~~that it is composed of~~ comprising a mobile phone network comprising a transmission exchange,
3 over such network, of application telesurveillance programs for a telephone-operated video
4 telesurveillance device according to claim 1 ~~any of the claims 1 to 15~~, programs which may be
5 downloaded by said mobile phones.